TEST1- 10TH CLASS MATHS - REAL NUMBERS
(Multiple Choice Questions)
Write the correct option in the given bracket

1. Which of the following is not a real number?

a) 3/4   b) $\sqrt{2}$ c) π   d) i (imaginary unit)   [   ]

2.Which of the following is a rational number?

a) √5   b) 0.333... c) π   d) 1.25416987.....   [   ]

3. Euclid Division algorithm : a = bq + r , r = 0 then

a) b is not factor to a   b) b is a factor to a

c) a is not factor to b   d) a is not factor to a   [   ]

4. Which of the following is an irrational number?

a) 0.5   b) 1.414213...   c) 2/3   d) 0   [   ]

5. Which of the following is a terminating decimal?

a) 1/3   b) 0.625   c) $\sqrt{2}$ d) 0.333...   [   ]

6. The number 0 is:

a) A rational number   b) An irrational number

c) A natural number   d) Neither rational nor irrational   [   ]

7. Rationalising factor of (5 - $\sqrt{7}$)

a) (5 - $\sqrt{7}$)   b) (5 + $\sqrt{7}$)   c) 0   d)1   [   ]

8. The sum of a rational number and an irrational number is always:

a) Rational   b) Irrational   c) Integer   d) Whole number   [   ]

9. Which of the following is a prime number?

a) 1   b) 2   c) 4   d) 6   [   ]

10. ($\sqrt{11}$ + 3)($\sqrt{11}$ - 3) =

a) 8   b) 22   c) 2   d)0   [   ]